

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

What is claimed is:

1. A bandage comprising:

a first layer of gel, said first layer having a skin
contacting surface and an adhesion surface opposite said

5 skin contacting surface; and

a second layer of carrier, said second layer having an
outer surface and an adhesion surface, said adhesion
surface of said second layer bonded to said adhesion
surface of said first layer to form a continuous two-ply
10 composition, said carrier being elastic and supportive.

2. The bandage of claim 1 wherein said gel is silicone
gel.

15 3. The bandage of claim 1 wherein said carrier has an
elastic modulus of about 50%.

4. The bandage of claim 1, wherein said carrier is the
loop portion of a hook and loop fastener, said loop portion
20 having a loop surface and an opposite surface wherein said

opposite surface of said loop portion is the adhesion surface.

5. The bandage of claim 4 further comprising a closure
5 strip for removably securing the bandage around a part of the body, said closure strip being the hook portion of a hook and loop fastener.

6. A method for providing musculo-skeletal support
10 comprising:
wrapping a bandage around a portion of the body to be treated, said bandage having a first gel layer contacting said skin and a second layer carrier bonded to said first layer, said second layer carrier being both rigid and
15 elastic;

stretching said bandage around said portion of the body; and
securing said bandage in a closed position with a closure strip.

20

7. The method according to claim 6, wherein said gel is silicone gel.

8. The method according to claim 6, wherein said carrier
5 is a loop portion of a hook and loop fastener.

9. The method according to claim 6, wherein said carrier is elastic having a modulus of elasticity of about 50%.

10 10. The method according to claim 6, wherein said closure strip is a hook portion of said hook and loop fastener.

11. A method for providing skin treatment comprising:
wrapping a bandage around a portion of the body having
15 skin to be treated, said bandage having a first gel layer contacting said skin and a second layer carrier bonded to said first layer, said second layer carrier being both rigid and elastic;
stretching said bandage around said portion of the
20 body; and

securing said bandage in a closed position with a closure strip.

12. The method according to claim 11, wherein said gel is
5 silicone gel.

13. The method according to claim 11, wherein said carrier is a loop portion of a hook and loop fastener.

10 14. The method according to claim 11, wherein said carrier is elastic having a modulus of elasticity of about 50%.

15. The method according to claim 11, wherein said closure strip is a hook portion of said hook and loop fastener.

15

16. A method of manufacturing a bandage comprising:
mixing an uncured gel compound;
pouring said compound onto a flat surface;
settling said compound to a consistent thickness;
20 placing a clean and dry carrier layer of a loop
portion of a hook and loop fastener having a loop surface

and an adhesion surface onto said compound such that the adhesion surface is in contact with the compound;

curing said compound and carrier at a temperature of about 100 to 180 degrees centigrade.

5

17. The method according to claim 16, wherein said gel is silicone gel.

18. The method according to claim 16, wherein said carrier
10 is rigid and elastic.

19. The method according to claim 16, wherein said carrier layer is elastic having a modulus of elasticity of about 50%.

15

20. A method for protecting the skin comprising:

wrapping a bandage around an area of skin to be treated, said bandage having a first gel layer contacting said skin and a second layer carrier bonded to said first
20 layer, said second layer carrier being both rigid and elastic;

stretching said bandage around said area of skin; and
securing said bandage in a closed position with a closure
strip.

5 21. A method of manufacturing a bandage comprising:

creating a bath of an uncured gel compound having a
top surface;

unrolling onto said uncured gel a clean and dry
carrier layer of a loop portion of a hook and loop fastener
10 having a loop surface and an adhesion surface such that
said adhesion surface bonds with a layer of said compound;
and,
curing said gel compound.

15 22. A method of manufacturing a bandage comprising:

creating a bath of an uncured gel compound having a
top surface;

unrolling onto said uncured gel a clean and dry
carrier layer of a loop portion of a hook and loop fastener
20 having a loop surface and an adhesion surface such that

said adhesion surface bonds with a layer of said compound;
and,

curing said gel compound at a temperature of about 100
to 180 degrees centigrade by passing said carrier and
5 bonded gel through an oven.

23. The method according to claim 22, further comprising
the step of rolling up said cured gel and carrier

10 24. The method according to claim 22, further comprising
the step of cutting the cured gel and carrier into desired
shapes.

25. A method of manufacturing a bandage comprising:
15 creating a river of a clean and dry carrier layer of a
loop portion of a hook and loop fastener having a loop
surface and an adhesion surface;

depositing onto said adhesion surface an uncured gel
compound;
20 passing said carrier and compound into an oven, and
curing at about 100 to 180 degrees centigrade.

